

Product datasheet for **PP1047P2**

MCP4 (CCL13) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hMCP-4 (30.0 ng/ml), a concentration of 1.0-1.5 µg/ml of this antibody is required. ELISA: To detect hMCP-4 by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of recombinant hMCP-4. Western Blot: To detect hMCP-4 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMCP-4 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant hMCP-4.
Specificity:	Human Macrophage Chemotactic Protein-4 (MCP-4) (NCC-1).
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	C-C motif chemokine ligand 13



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Database Link: [Entrez Gene 6357 Human Q99616](#)

Background: Human macrophage/monocyte chemotactic protein 4 (MCP4) is a member of the b-chemokine family (C-C) of Cytokines. Like Eotaxin, MCP4 is a powerful eosinophil chemo-attractant. Additionally, like MCP3, MCP4 elicits chemo-attraction of monocytes and T lymphocytes.

Synonyms: C-C motif chemokine 13, CCL13, MCP4, NCC1, SCYA13, CK-beta-10, NCC-1, Monocyte chemotactic protein 4

Note: Centrifuge vial prior to opening!